

Cinder Bed Road

Contact

- Mr. Jang Lee, property owner
 - Laura Geise, Wetland Studies and Solutions, Inc. (WSSI)
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Location

Tributary to Long Branch of Accotink Creek

Supervisor District: Lee

Watershed: Accotink Creek

Tax Map: 99-2

Rezoning Case: RZ 2003-LE-010, RZ 2003-LE-015

Concern

Disagreement with the County's initial designation of the stream. In June 2003, WSSI provided a stream assessment to DPWES for the stream behind 7813 Cinder Bed Road. WSSI evaluated the stream using both the Fairfax County Perennial Stream Field Identification Protocol and the North Carolina Department of the Environment and Natural Resources—Division of Water Quality Stream Assessment Method to determine if the stream is perennial or not. Using Fairfax County's protocol, the stream in question received a non-perennial score of 21.5 by WSSI; 5.0 points for hydrology, 14.0 points for geomorphology, 2.0 points for soils, and 0.5 for biology.

County's Initial Designation

Perennial

Explanation

In June of 2003, ecologists Shannon Curtis and Danielle Derwin were sent to the Cinder Bed property to assess if the stream was perennial. The stream received a score of 28.5; 8.5 points for hydrology; 17.0 points for geomorphology, 2.0 points for soil, 1.0 point for vegetation, and no points for biology. This stream was determined to be perennial and it was noted that the stream has been drastically degraded by incision and sedimentation caused by unmanaged stormwater from upstream. Because of this the score may be lower than it would have been since geomorphology and biology have been affected.

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Cinder Bed Road, Continued

Explanation
(continued)

On October 1, 2003, DPWES sent WSSI a memo indicating that the point of perennality is well above the parcels on 7813 Cinder Bed Road and that the RPA will remain on the stream.

Timeline

Date	Action	Initials
6/3/03	Initial Stream survey	EH, DD, SC
6/26/03	Memo from WSSI to SWPD	
9/17/03	Second Stream Survey	LG, AP
10/1/03	Memo to WSSI from SWPD	
8/30/04	QC Stream Survey	DD, GE

Final Outcome

Perennial. RPA will remain.

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Cinder Bed Road, Continued

Images

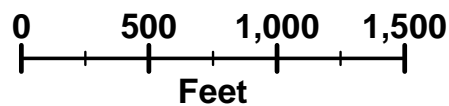
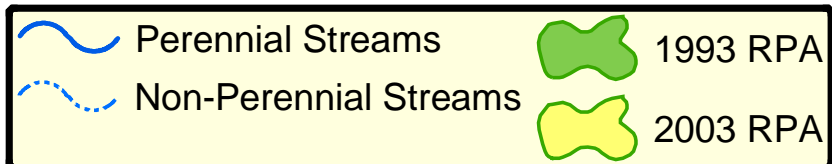
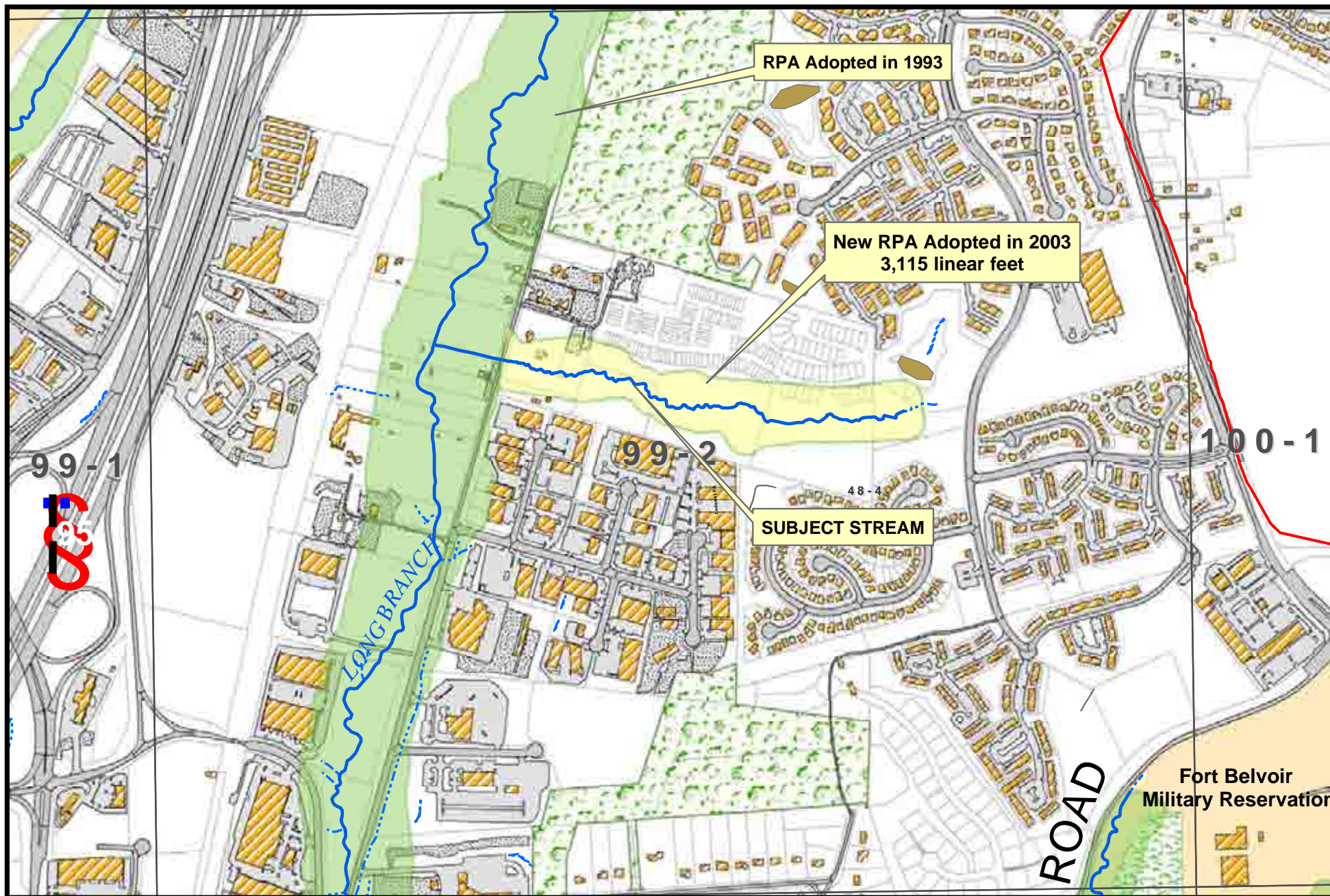
Images taken on June 2, 2003.



Picture of perennial stream looking upstream.



Picture of perennial stream taken of downstream section looking upstream



Cinder Bed Road Property
Stream: Unnamed Tributary to Long Branch
Watershed: Accotink Creek
Lee District, Tax Map 99-2